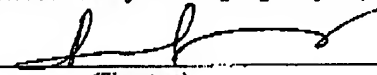


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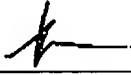
TO 15712738300

APR 21 2006

CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8) Applicant(s): Thomas L. Andrews et al.			Docket No. 01-296
Application No. 10/781,162	Filing Date February 18, 2004	Examiner Jerry T. Rahl	Group Art Unit 2874
Invention: FIBER OPTIC DAMAGE DETECTION SYSTEM FOR COMPOSITE PRESSURE VESSELS			
<p>I hereby certify that this <u>Amendment Transmittal Letter (1 page); Amendment (6 pages)</u> <small>(Identify type of correspondence)</small></p> <p>is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. <u>571-273-8300</u>)</p> <p>on <u>April 21, 2006</u> <small>(Date)</small></p> <div style="text-align: right; margin-top: 20px;"> <u>Carrie Anne Cheung</u> <small>(Typed or Printed Name of Person Signing Certificate)</small>  <small>(Signature)</small> </div> <p style="text-align: center; margin-top: 40px;"> Note: Each paper must have its own certificate of mailing. </p>			

P18REV02

APR 21 2006

AMENDMENT TRANSMITTAL LETTER (Large Entity)					Docket No. 01-296									
Applicant(s): Thomas L. Andrews et al.														
Application No. 10/781,162	Filing Date February 18, 2004	Examiner Jerry T. Rahl	Customer No. 22145	Group Art Unit 2874	Confirmation No. 6084									
Invention: FIBER OPTIC DAMAGE DETECTION SYSTEM FOR COMPOSITE PRESSURE VESSELS														
COMMISSIONER FOR PATENTS:														
Transmitted herewith is an amendment in the above-identified application.														
The fee has been calculated and is transmitted as shown below.														
CLAIMS AS AMENDED														
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE									
TOTAL CLAIMS	2 -	20 =	0	x \$50.00	\$0.00									
INDEP. CLAIMS	2 -	3 =	0	x \$200.00	\$0.00									
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00									
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00									
<input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 11-1159 <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17. <input type="checkbox"/> Payment by credit card. Form PTO-2038. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.														
 Signature			Dated: April 21, 2006											
Tejinder Singh (Reg. No. 39,535) Klein, O'Neill & Singh, LLP (Customer No. 22145) 2 Park Plaza, Suite 510 Irvine, California 92614 Tel: 949-955-1920 Fax: 949-955-1921 Email: tj Singh@koslaw.com			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="padding: 5px;">I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____</td> </tr> <tr> <td colspan="2" style="padding: 5px;">(Date)</td> </tr> <tr> <td colspan="2" style="padding: 5px;">_____ Signature of Person Mailing Correspondence</td> </tr> <tr> <td colspan="2" style="padding: 5px;">_____ Typed or Printed Name of Person Mailing Correspondence</td> </tr> </table>				I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____		(Date)		_____ Signature of Person Mailing Correspondence		_____ Typed or Printed Name of Person Mailing Correspondence	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____														
(Date)														
_____ Signature of Person Mailing Correspondence														
_____ Typed or Printed Name of Person Mailing Correspondence														
CC:														

Docket No. 01-296

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APR 21 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:
Andrews, Thomas L. et al.

Serial No.: 10/781,162

Filed: February 18, 2004

For: Fiber Optic Damage Detection System
for Composite Pressure Vessels

Group Art Unit: 2874

Examiner: Jerry T. Rahl

AMENDMENT AND REMARKS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This is in response to the Office Action mailed January 24, 2006. Please consider the following remarks regarding the subject application.

Amendment to Claims begin on Page 2; and

Remarks begin on Page 4.